

# OE ENERGY MARKET SNAPSHOT

## Southeast Version

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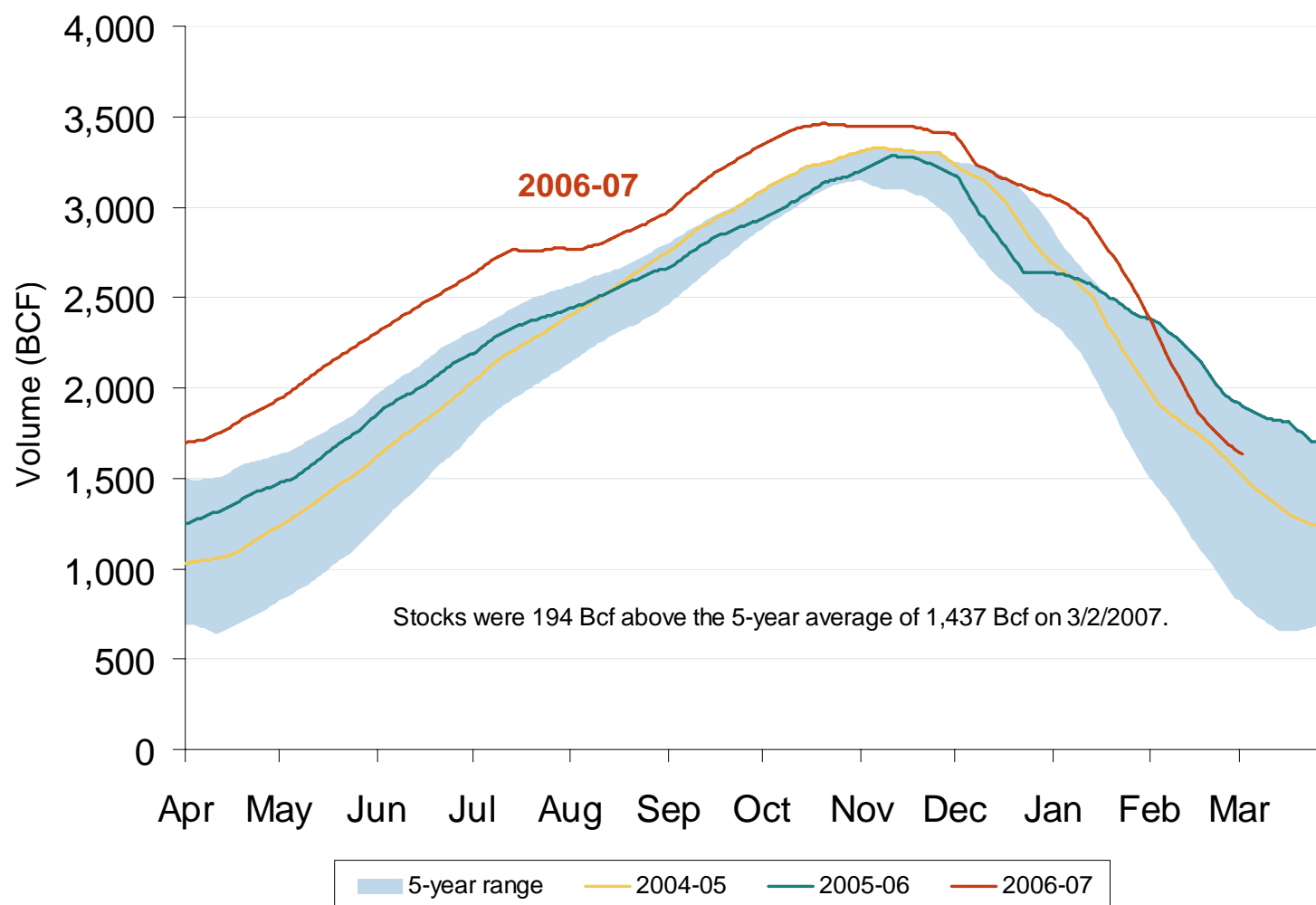
- **Market Fundamentals**
- **Prices and Market Analysis**

Office of Enforcement  
Federal Energy Regulatory Commission  
March 2007

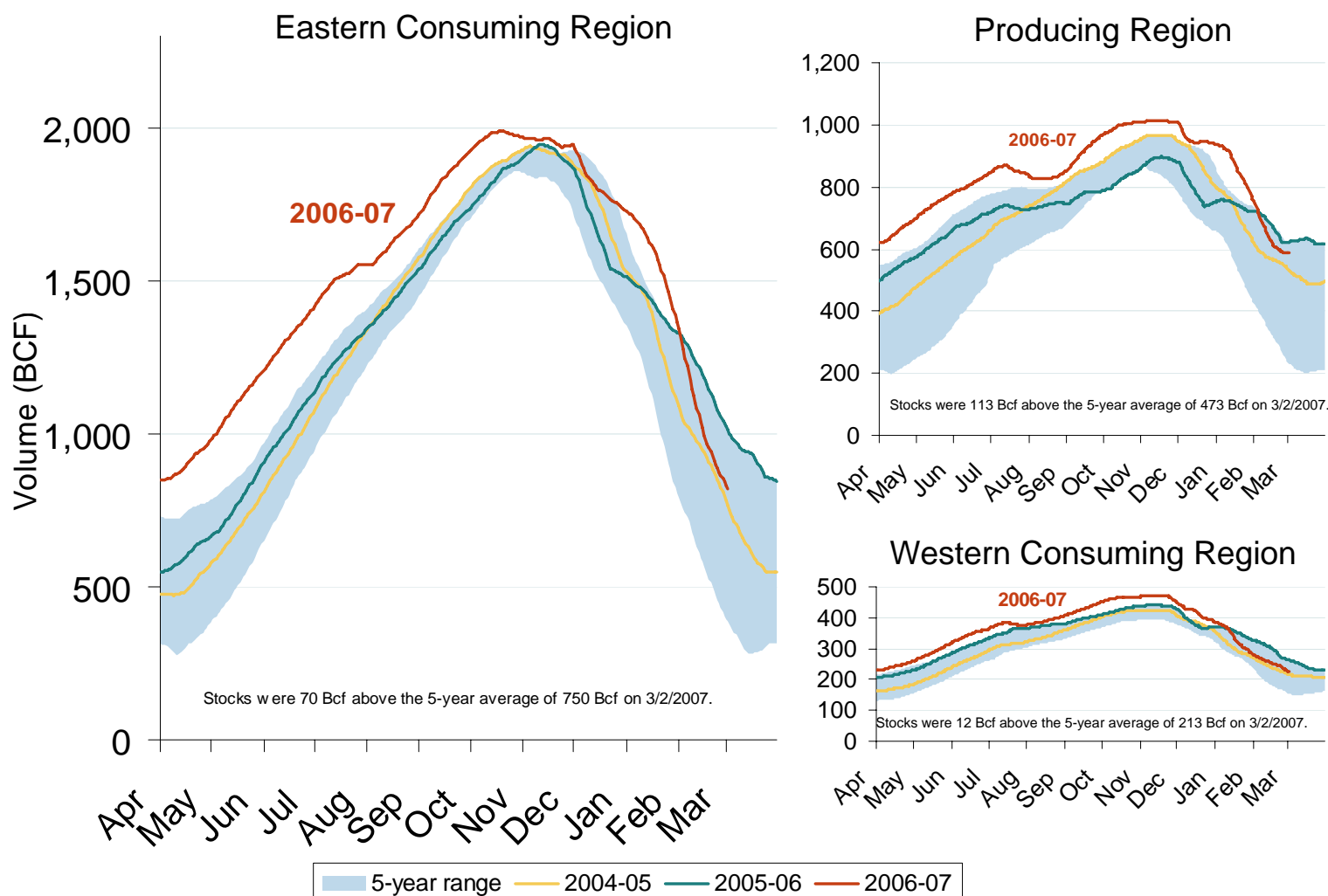
A decorative graphic consisting of several thick, parallel red lines. A vertical set of lines is on the left, and a horizontal set of lines crosses it, creating a cross-like shape. The lines have a slight blur or motion effect.

# Market Fundamentals

## Total U.S. Working Gas in Storage



## Regional Totals of Working Gas in Storage

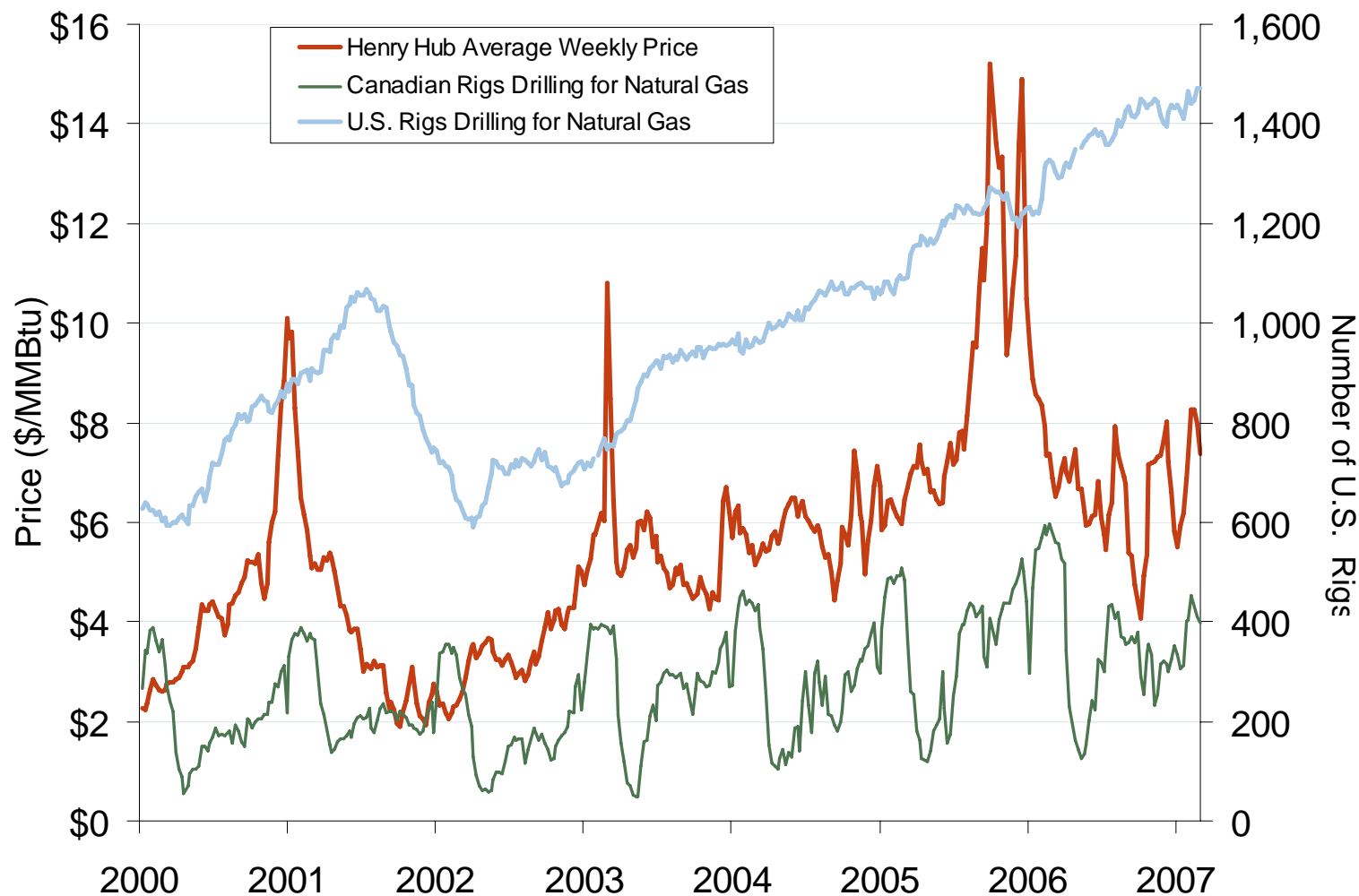


Source: Derived from EIA data.

Updated March 8, 2007

2004

## U.S. and Canadian Natural Gas Drilling Rig Count and Daily Spot Prices

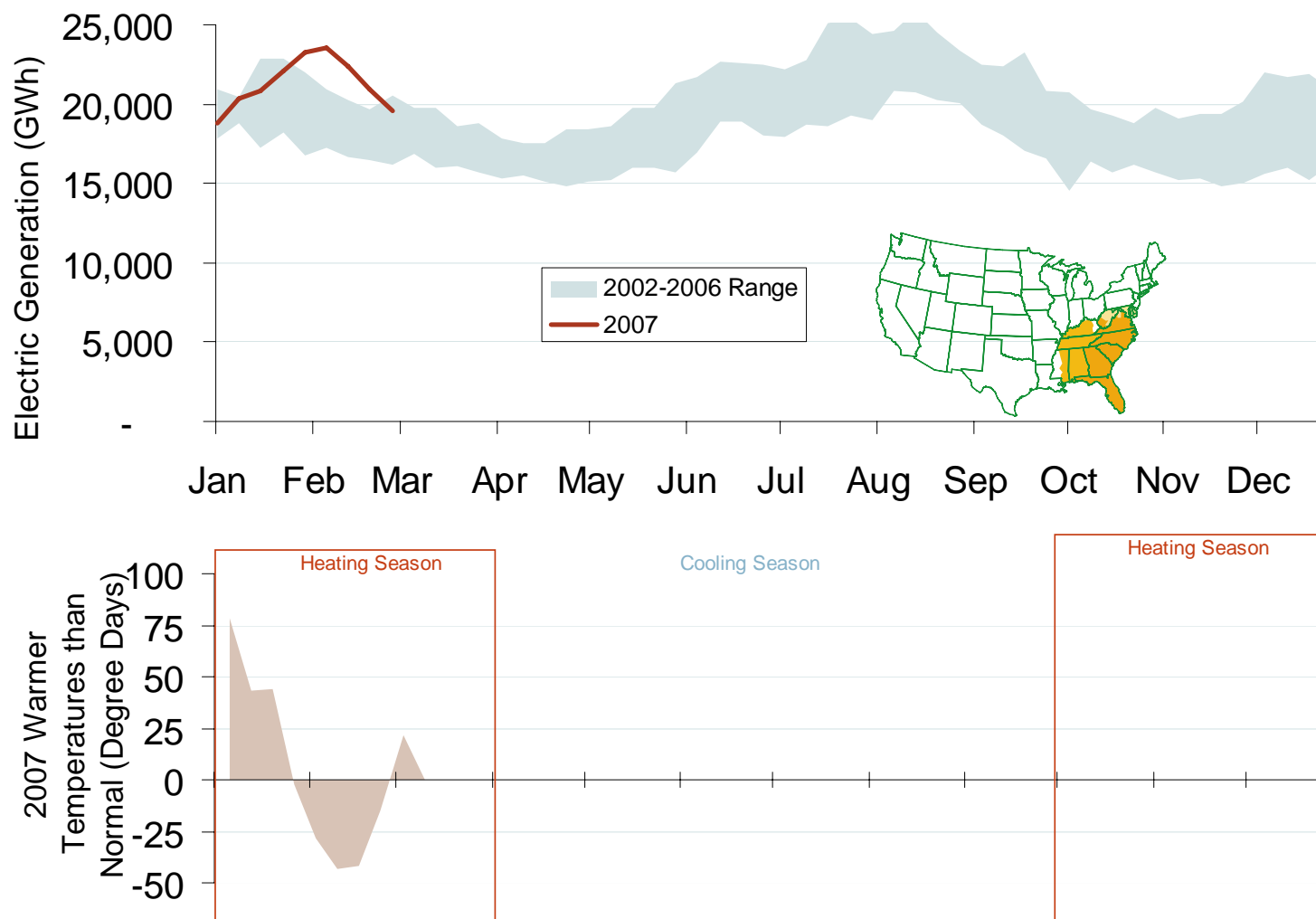


Source: Derived from *Platts* and *Baker Hughes* data.

Updated March 6, 2007

2007

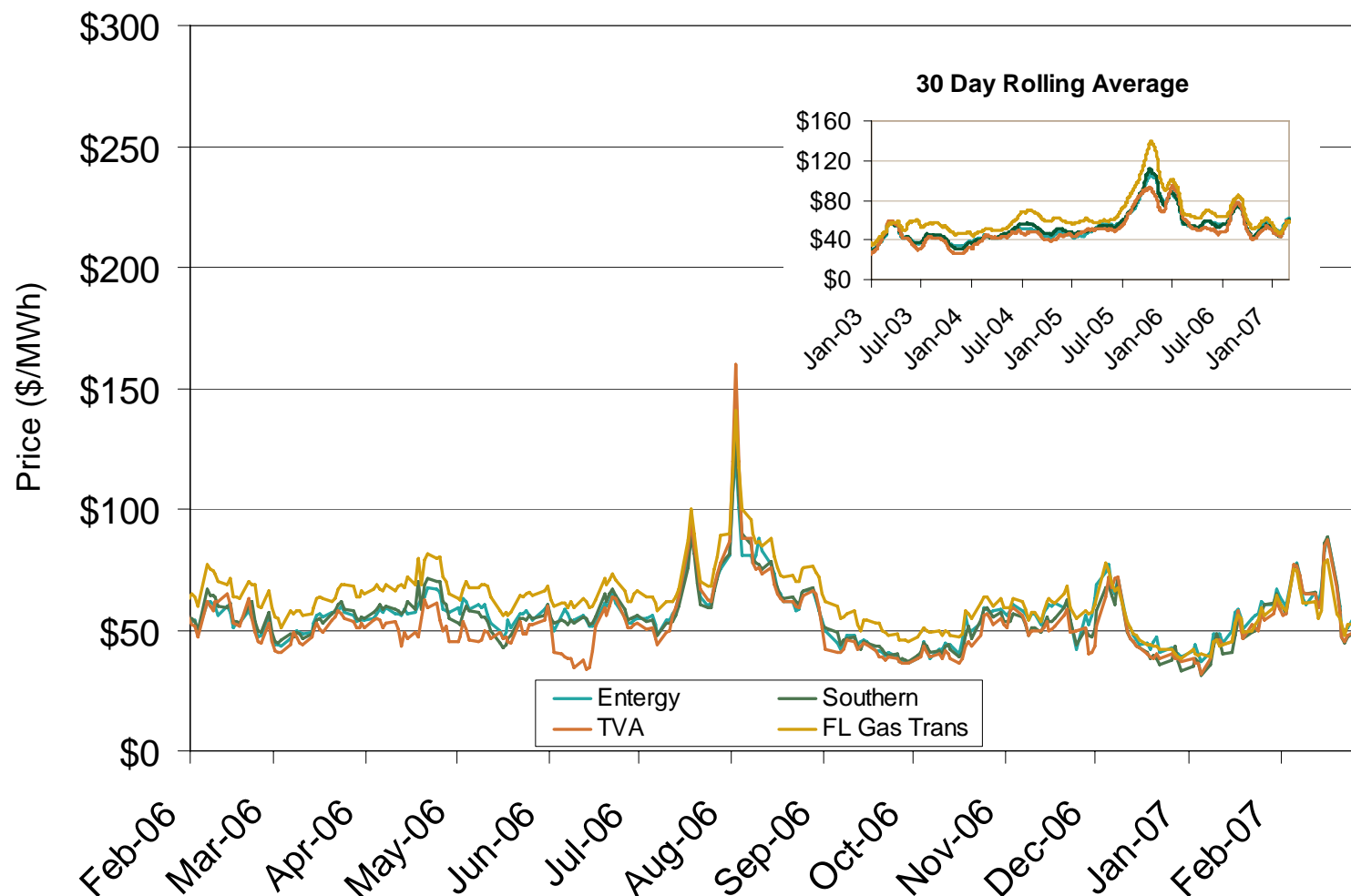
# Weekly Electric Generation Output and Temperatures Southeast Region



A decorative graphic consisting of several red lines. A vertical line on the left side is intersected by three horizontal lines, creating a cross-like shape. The lines have a slight blur or motion effect.

# Prices and Market Analysis

## Southeastern Daily Bilateral Day-Ahead On-Peak Prices

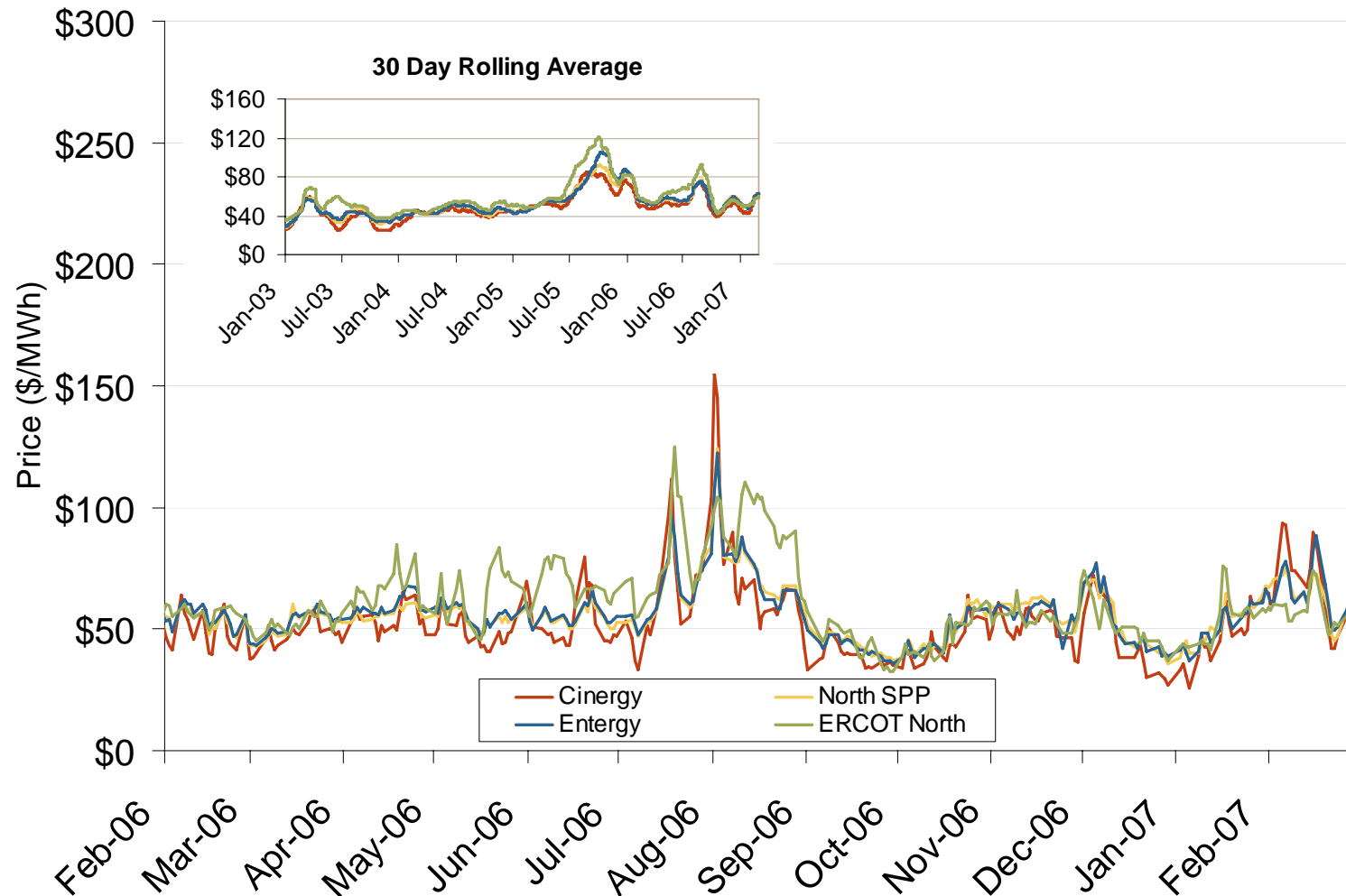


Source: Derived from *Platts* data.

Updated March 6, 2007



## Midwestern Daily Bilateral Day-Ahead On-Peak Prices

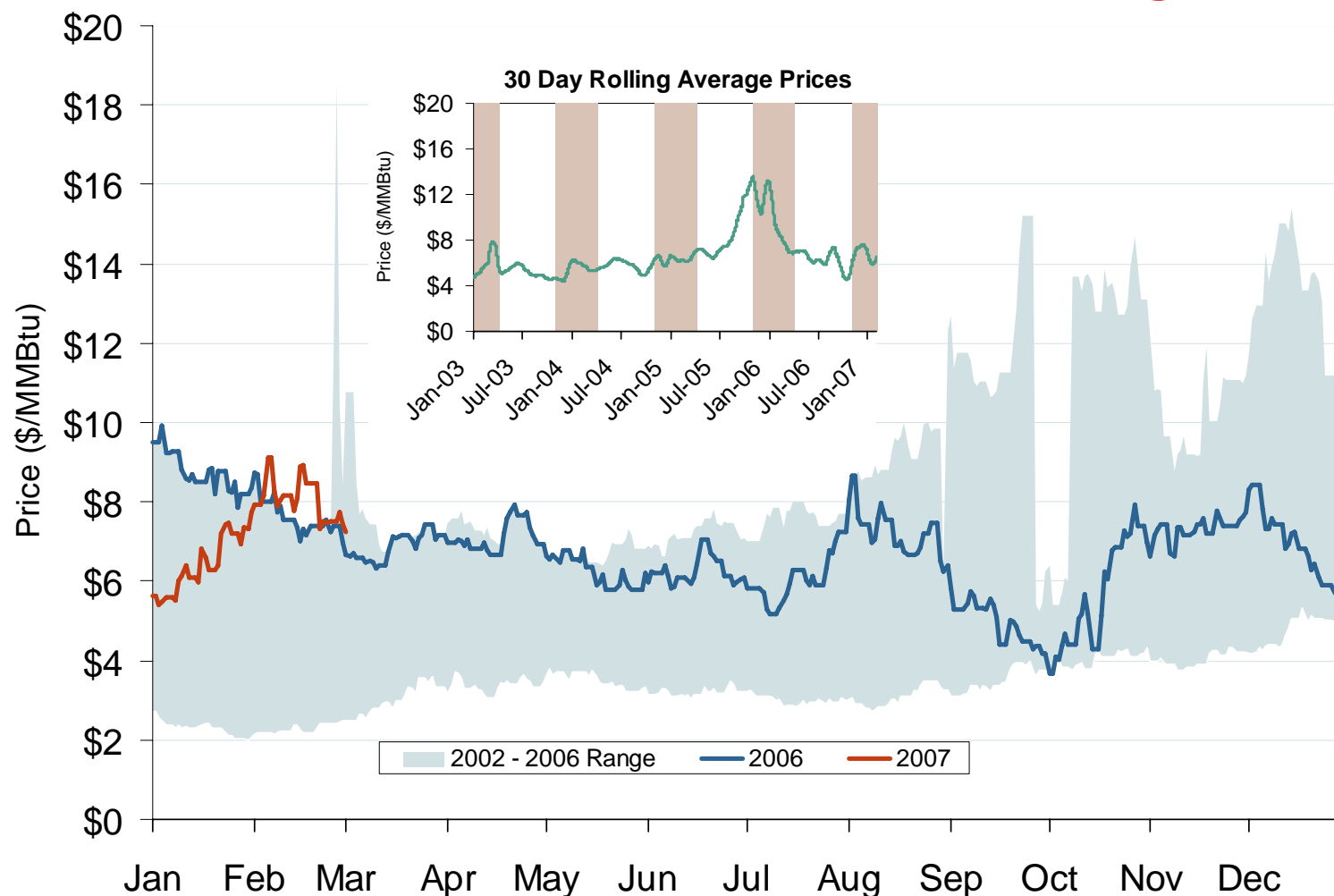


Source: Derived from Platts data.

Updated March 6, 2007

Federal Energy Regulatory Commission • Market Oversight @ FERC.gov

## Henry Hub Natural Gas Daily Spot Prices 2006, 2007 and 2002-2006 Year Range

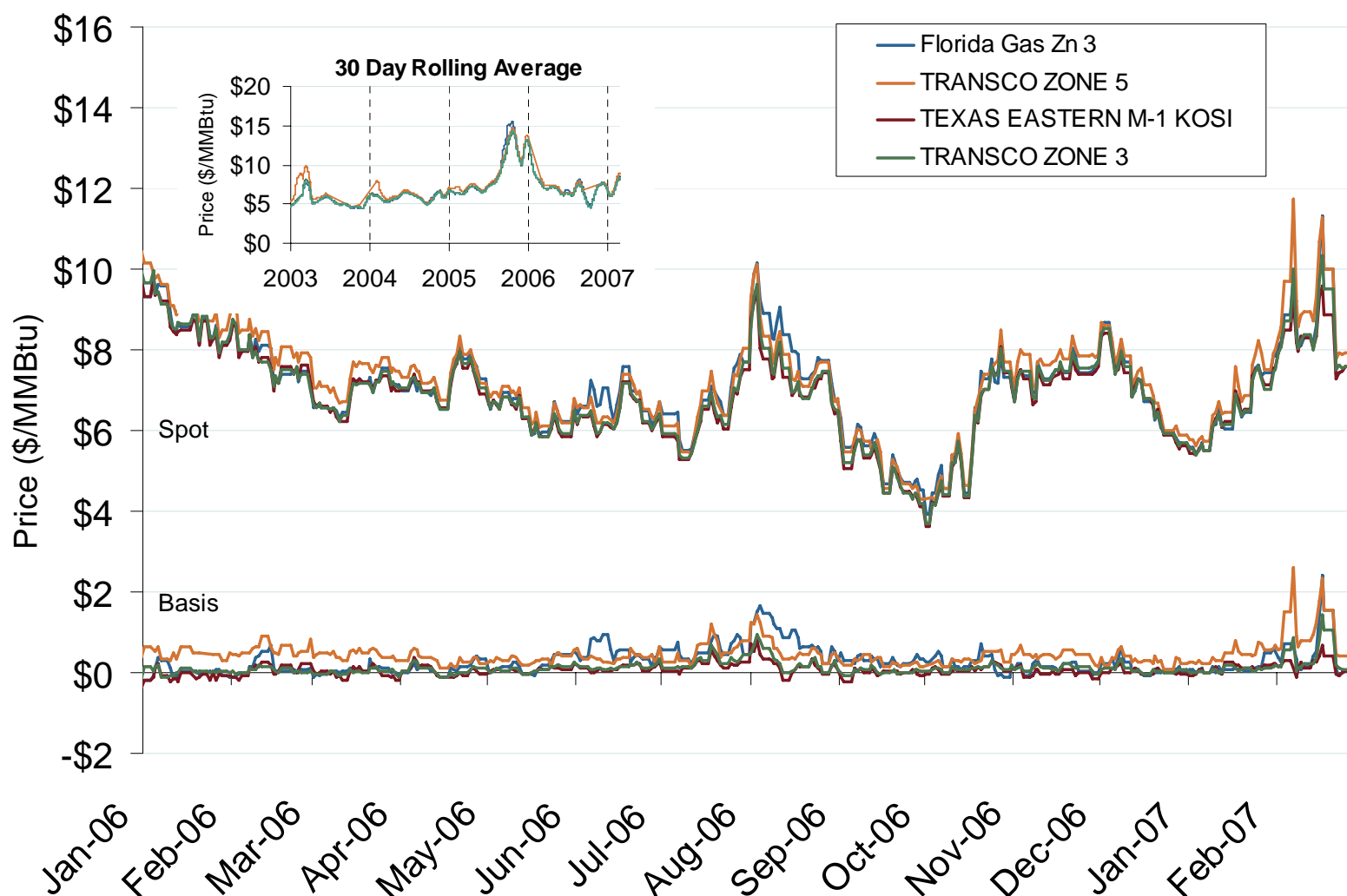


Source: Derived from Platts data.

Updated March 7, 2007

2085

## Southeastern Day-Ahead Hub Spot Prices and Basis

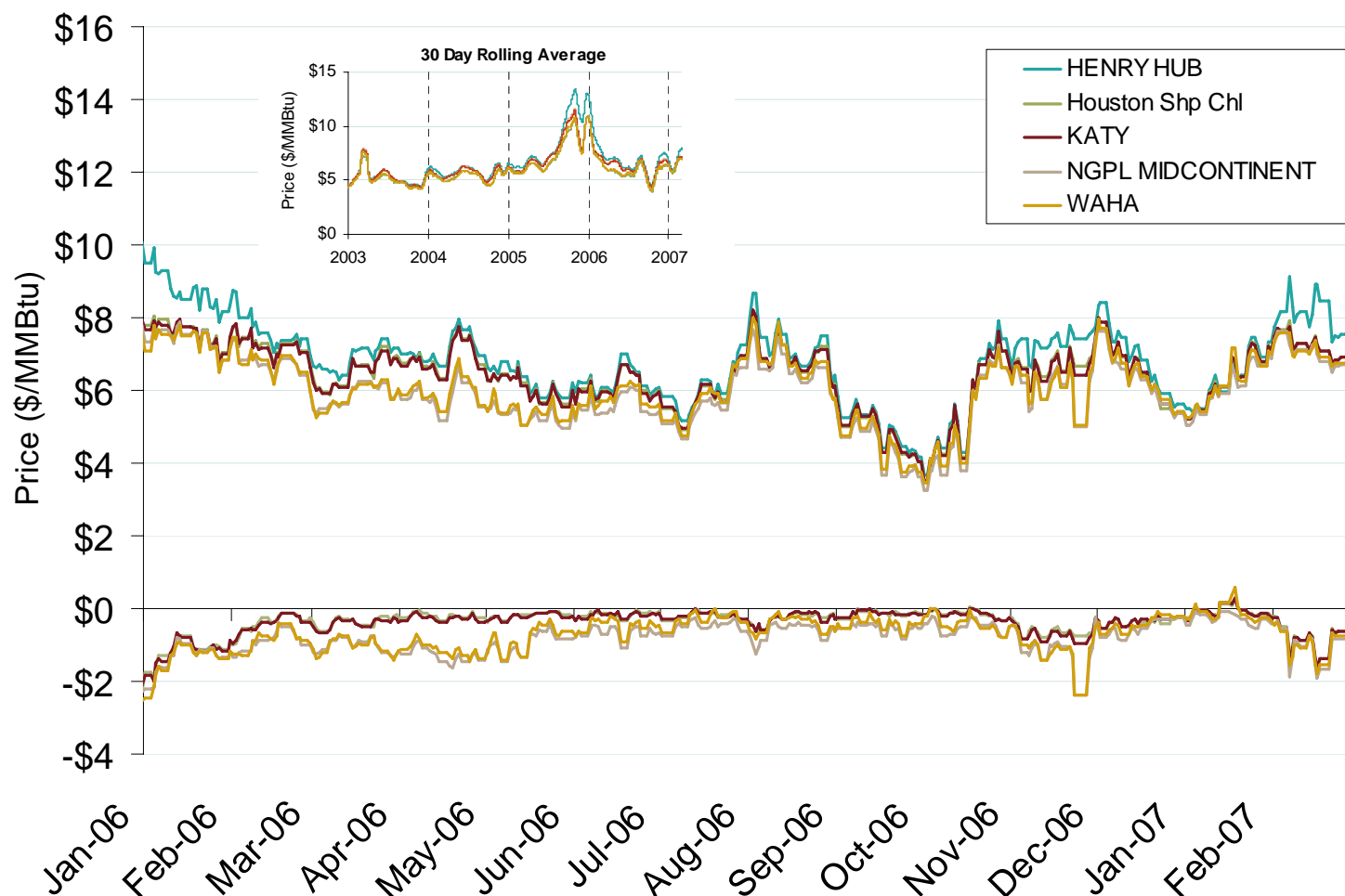


Source: Derived from *Platts* data.

Updated March 7, 2007

2058

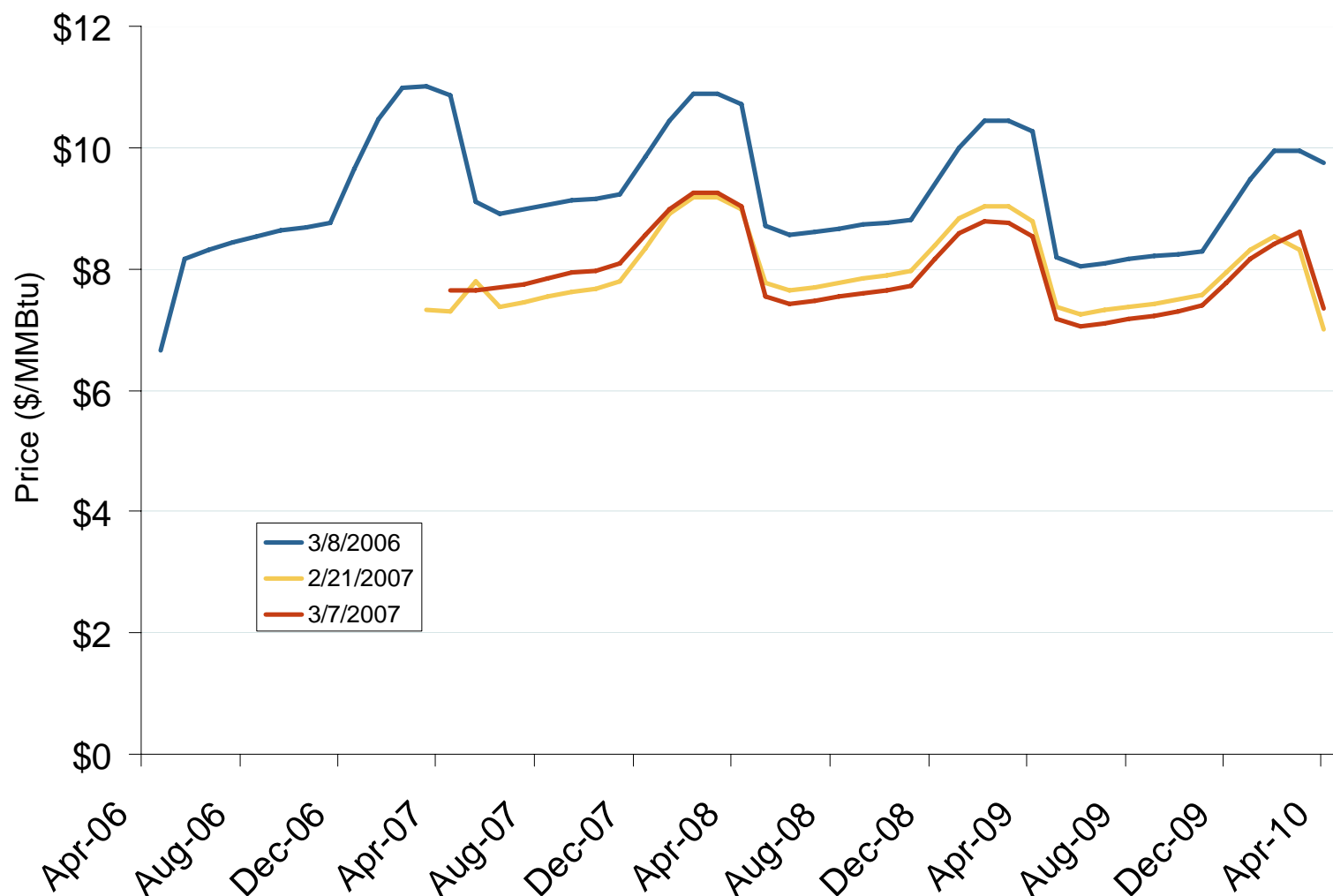
## South Central Day-Ahead Hub Spot Prices and Basis

Source: Derived from *Platts* data.

Updated March 7, 2007

2044

## NYMEX Natural Gas Forward Price Curve

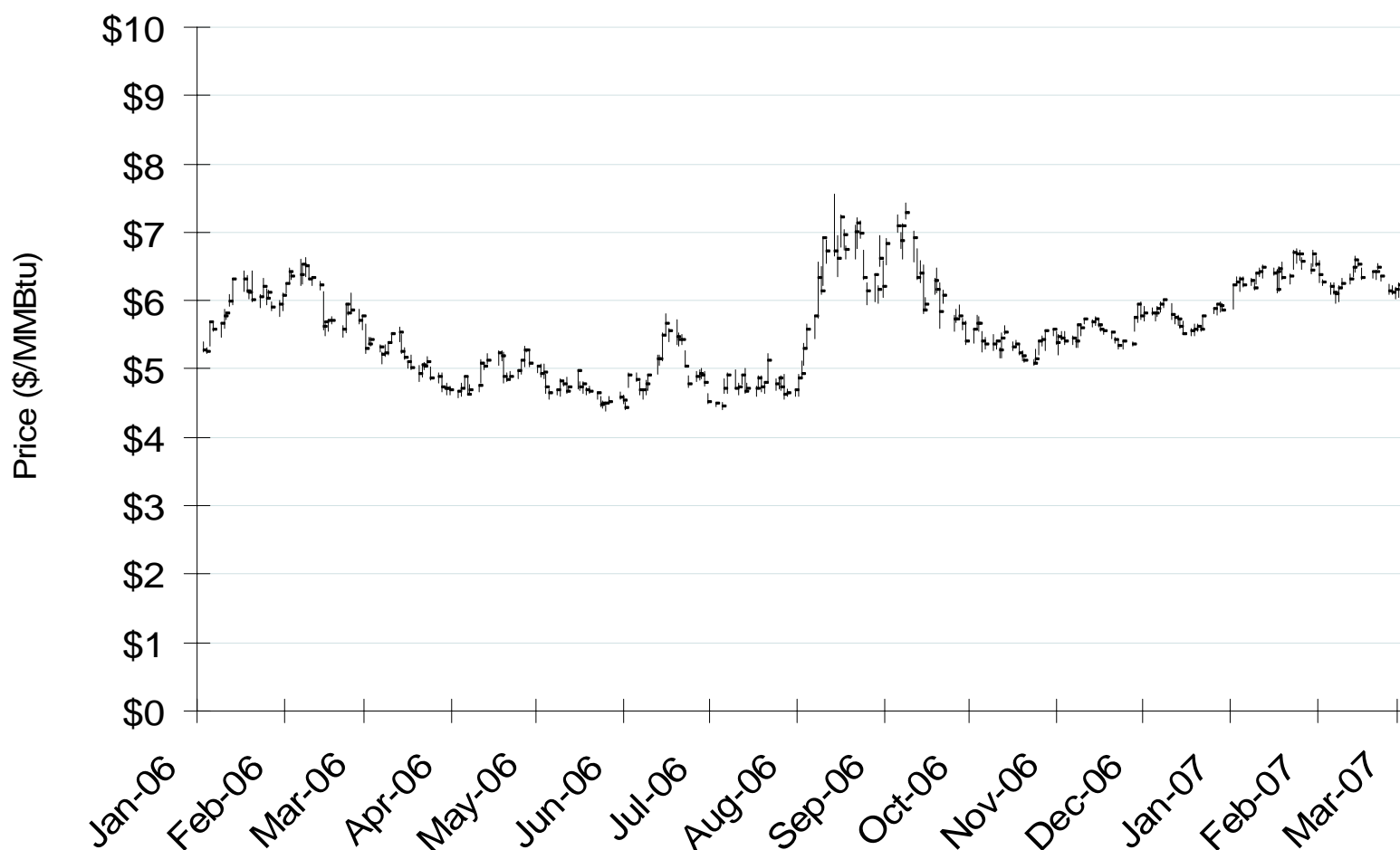


Source: Derived from NYMEX data.

Updated March 8, 2007

2009

## NYMEX Natural Gas Futures Prompt Month Daily Settlement Price and Price Range



Source: Derived from NYMEX data.

Updated March 8, 2007

2086

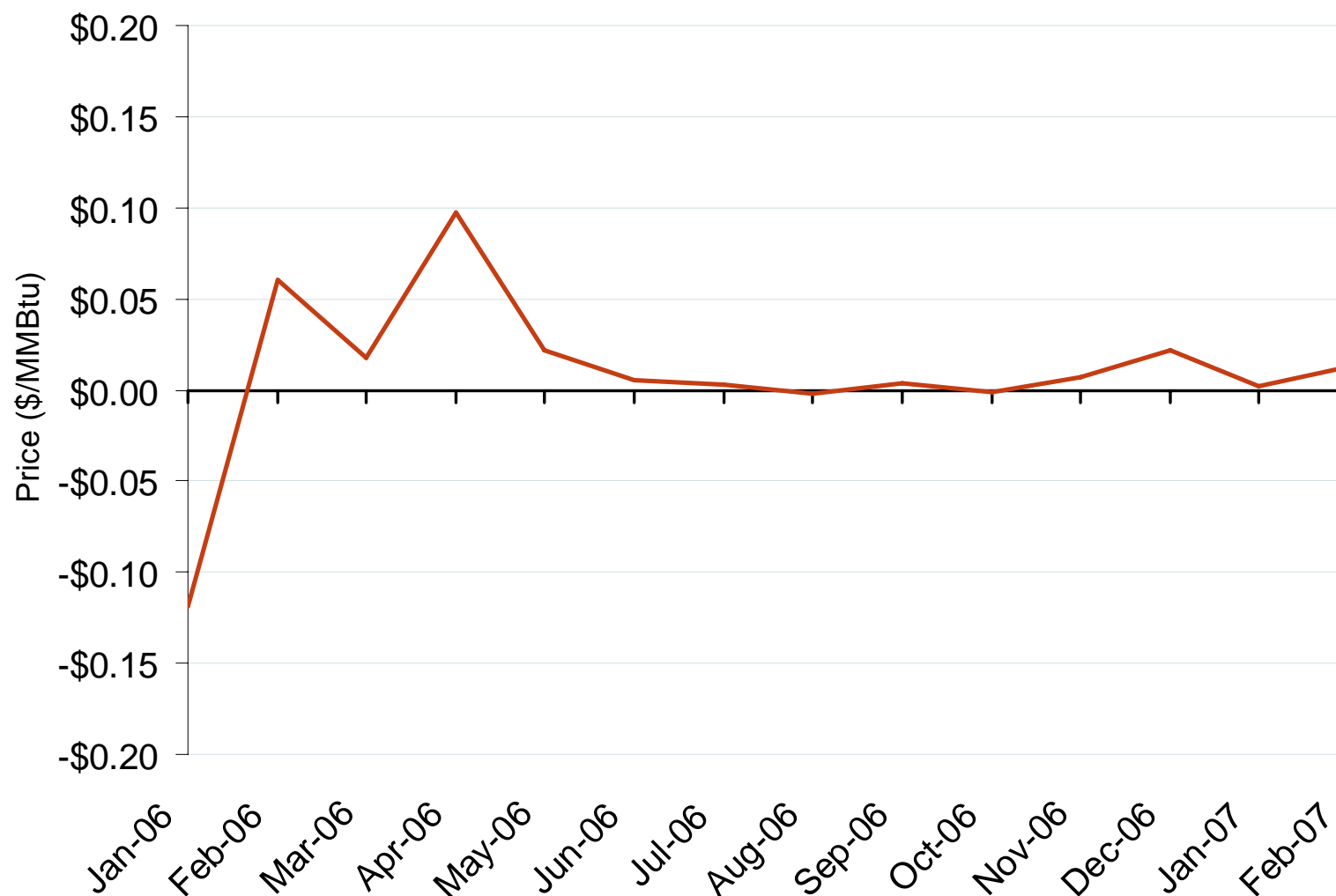
## Daily Physical Index Price and Daily Futures Settlement Price



Source: Derived from *Platts* and *Bloomberg* data.

Updated March 8, 2007

## Deviation Between Monthly Physical Index and Monthly Futures Expiration Price at Henry Hub



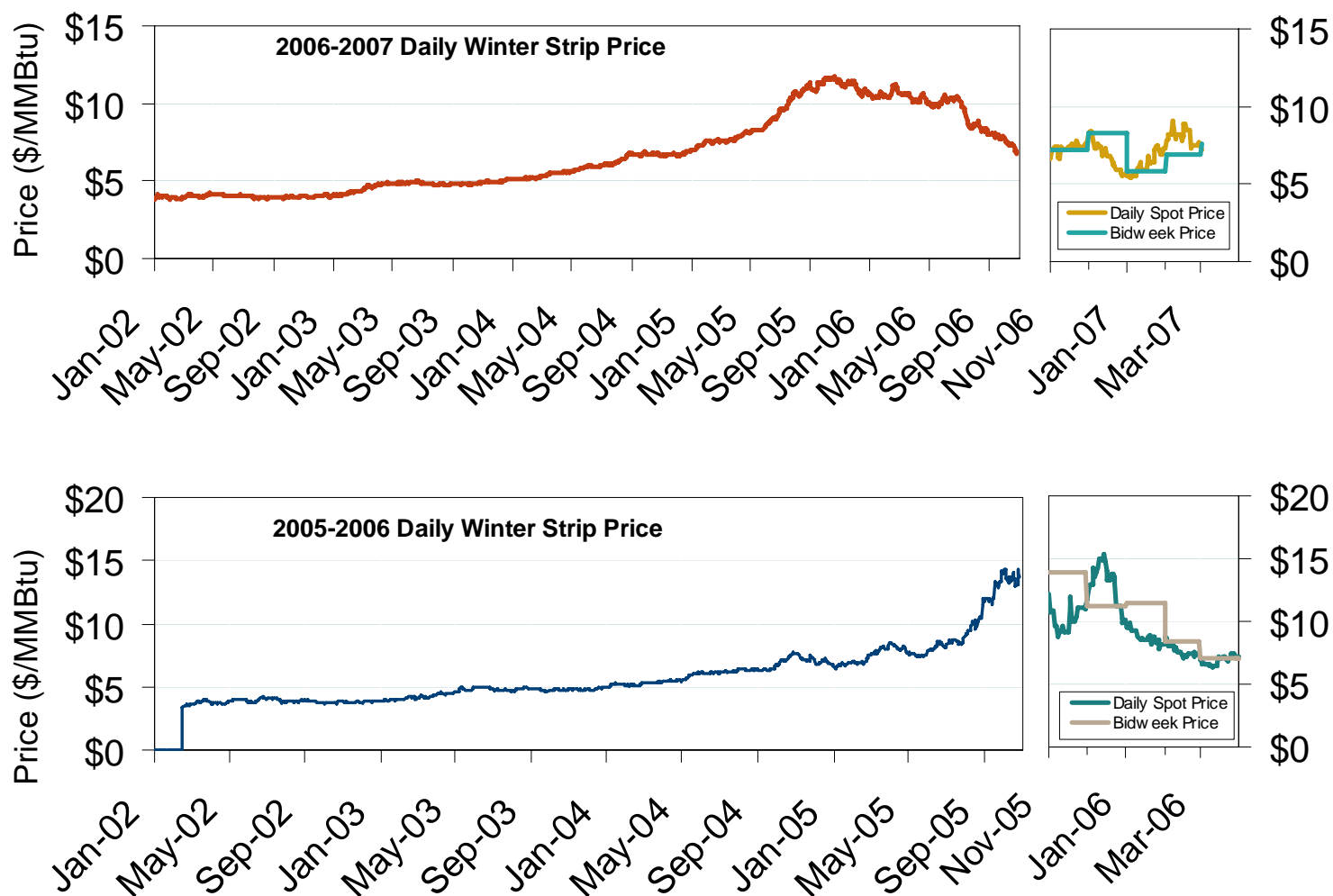
Source: Derived from *Platts* and *Bloomberg* data.

Updated March 8, 2007

2088



## Natural Gas Winter Futures Strip and Daily Henry Hub Spot and Bidweek Prices

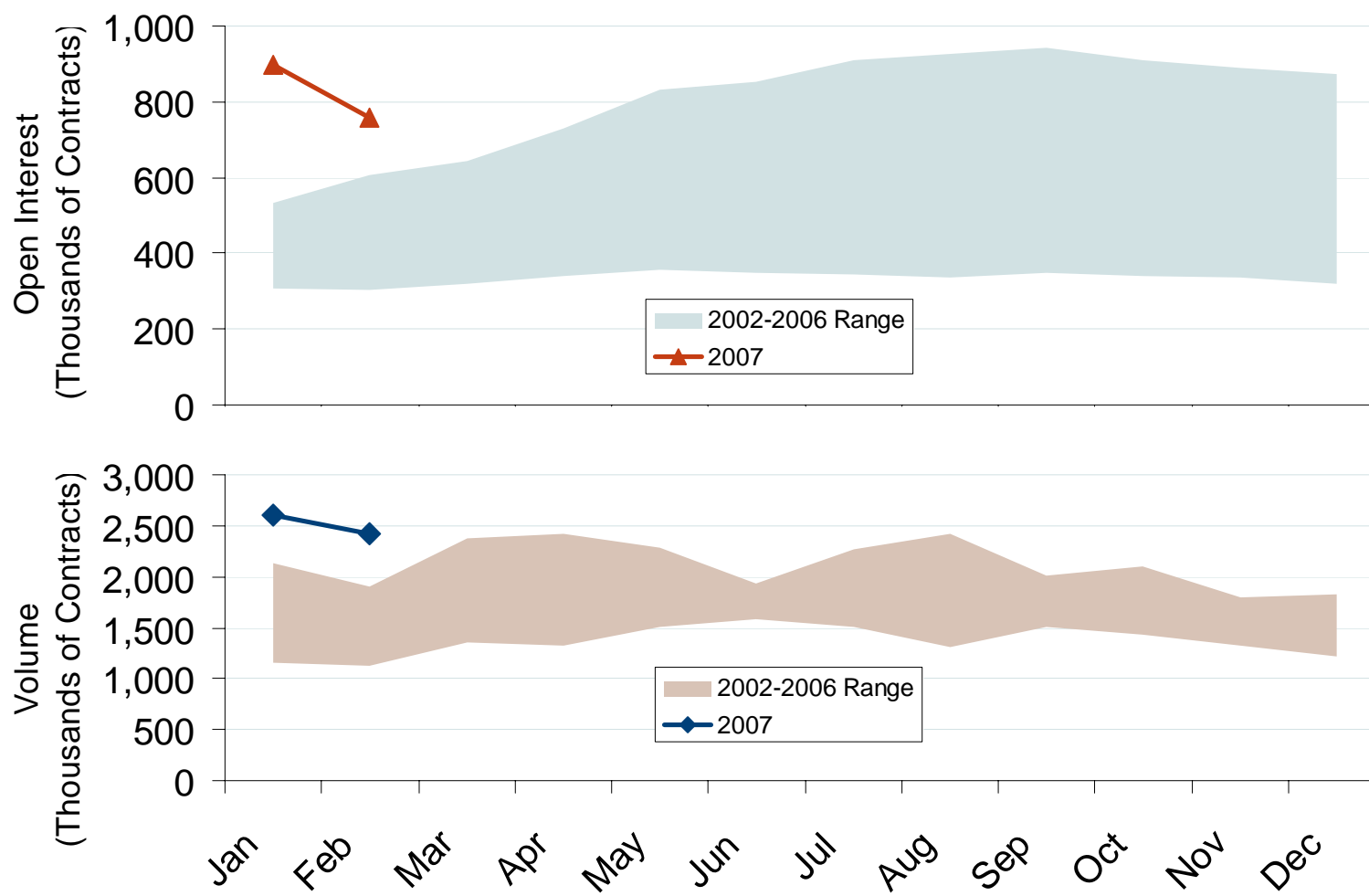


Source: Derived from *Platts* and *Nymex* data.

Updated March 7, 2007

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## NYMEX Natural Gas Futures Month-End Open Interest and Total Monthly Volume

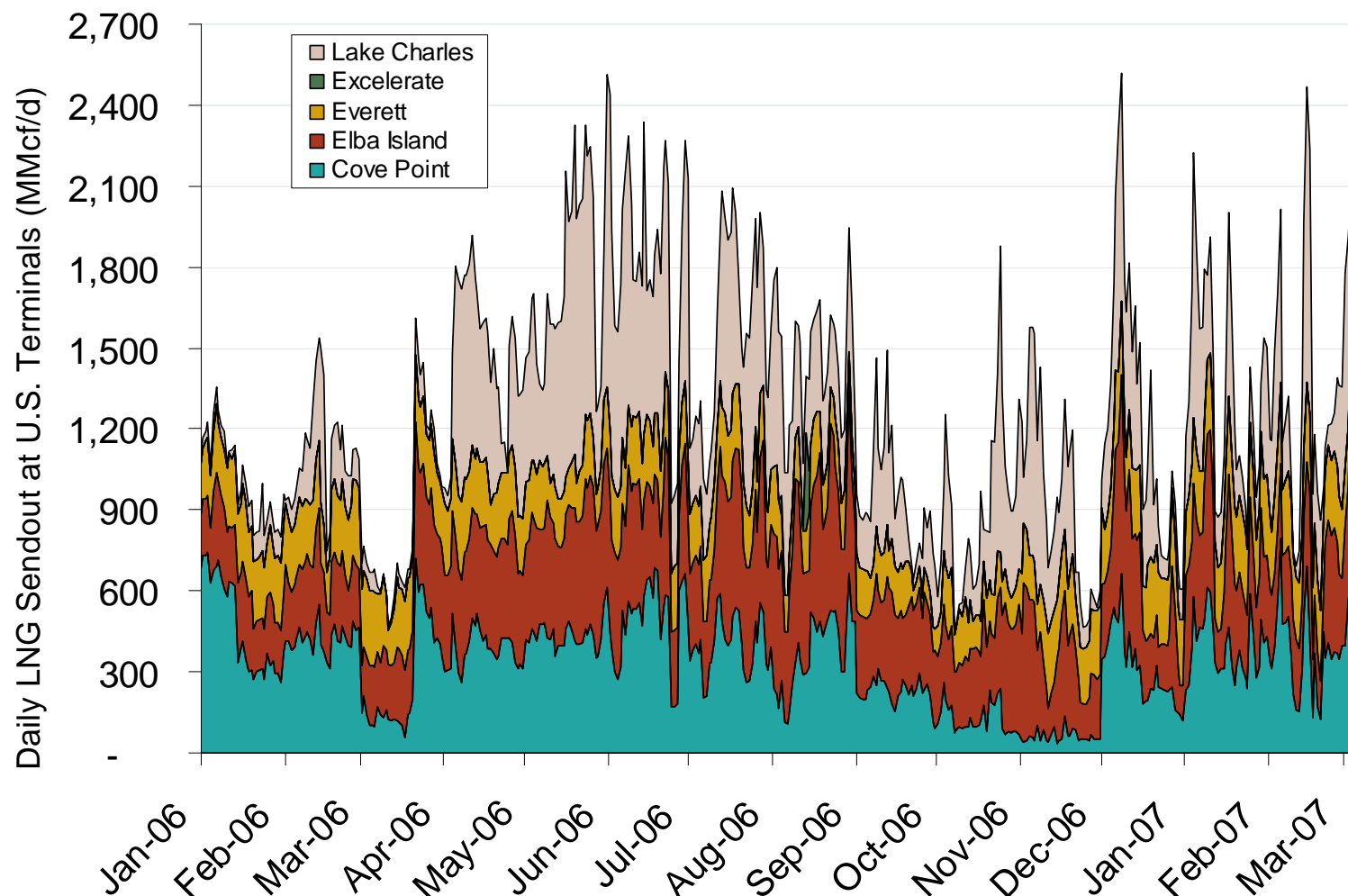


Source: Derived from NYMEX data.

Updated March 7, 2007

2010

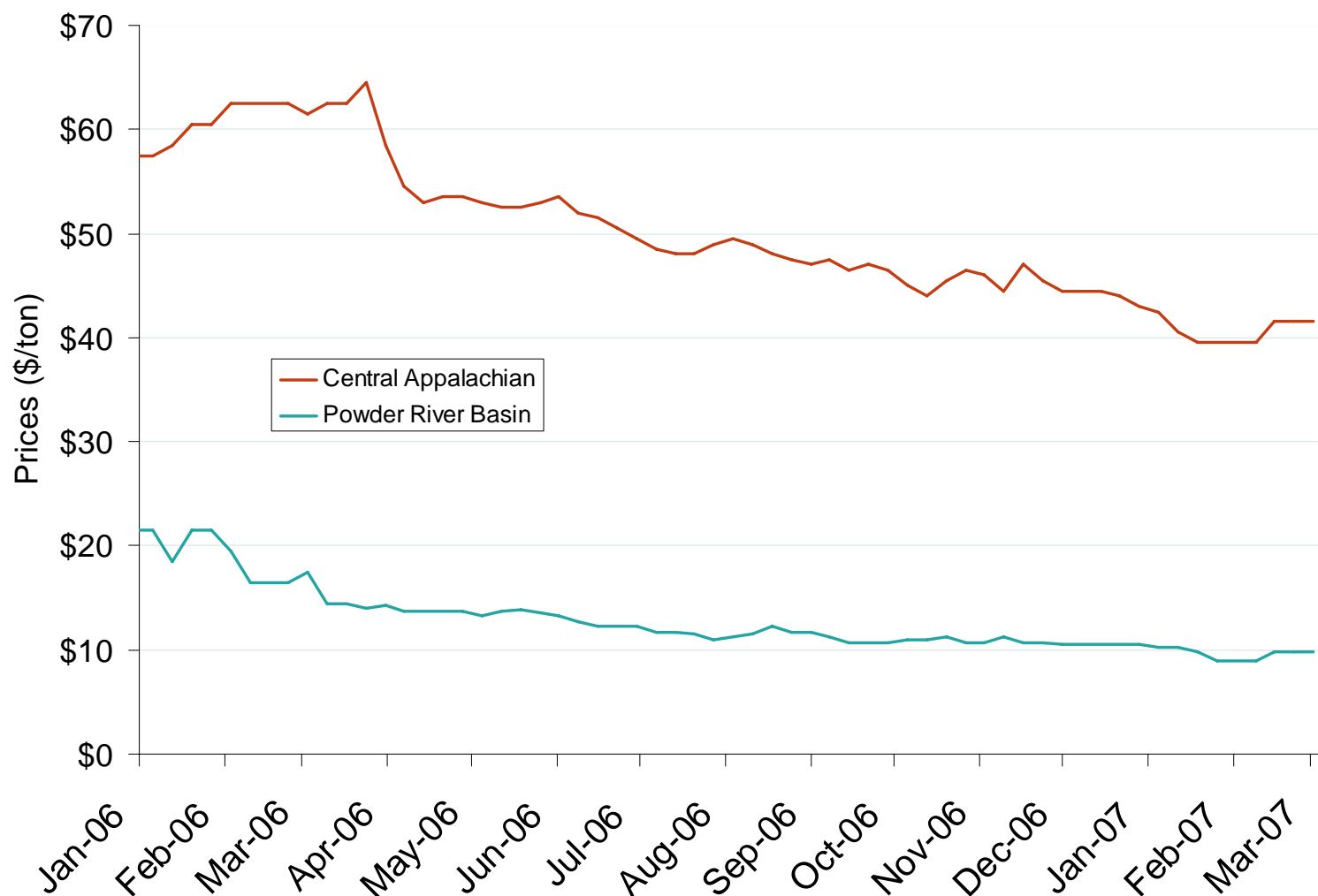
## Daily Gas Sendout from Existing LNG Facilities



Source: Derived from *Bentek* data. Excludes Everett LNG delivered via truck and consumed by the Mystic plant.

Updated March 8, 2007

## Central Appalachian and Powder River Basin Coal Prices

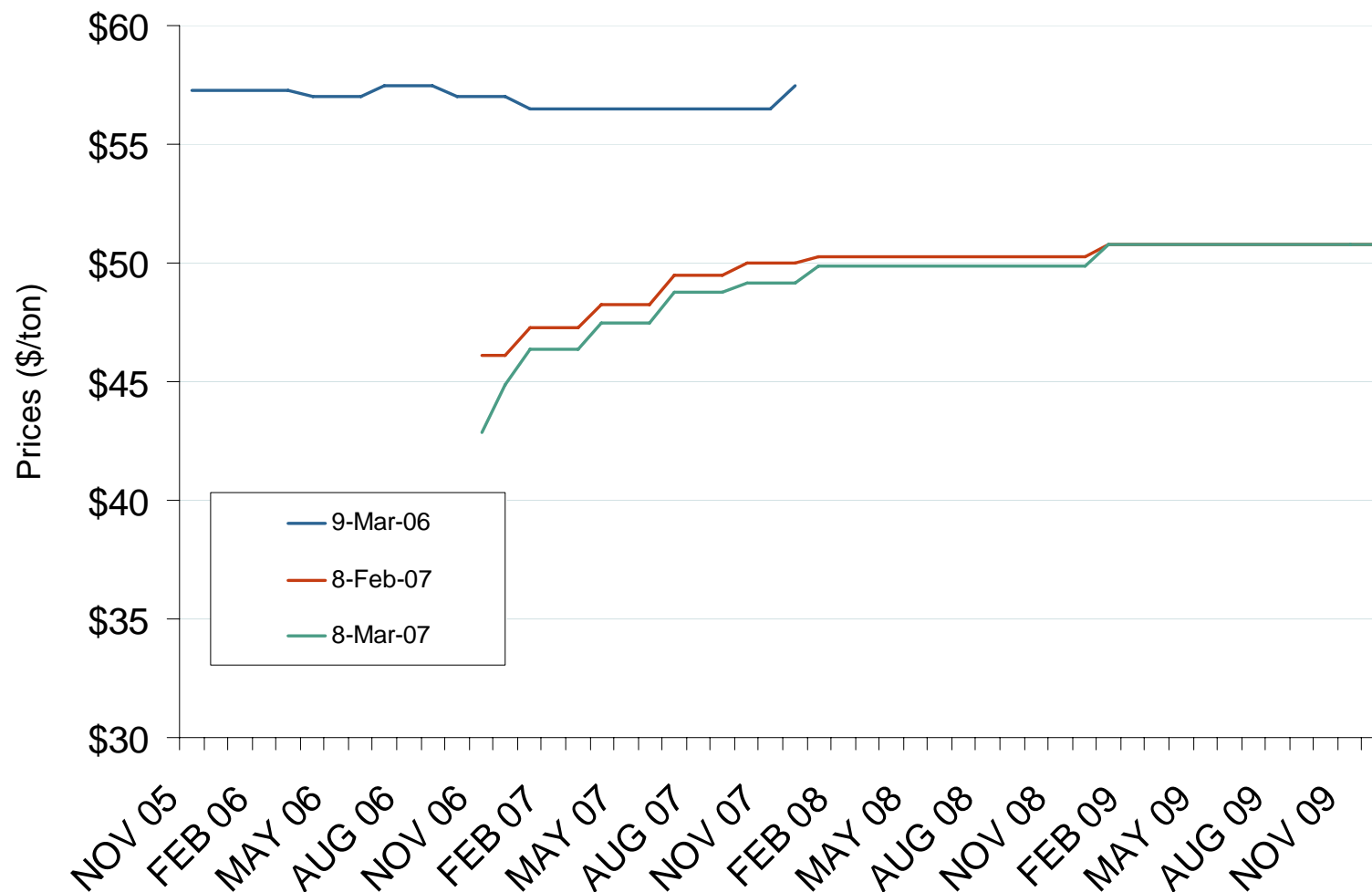


Source: Derived from *Bloomberg* data.

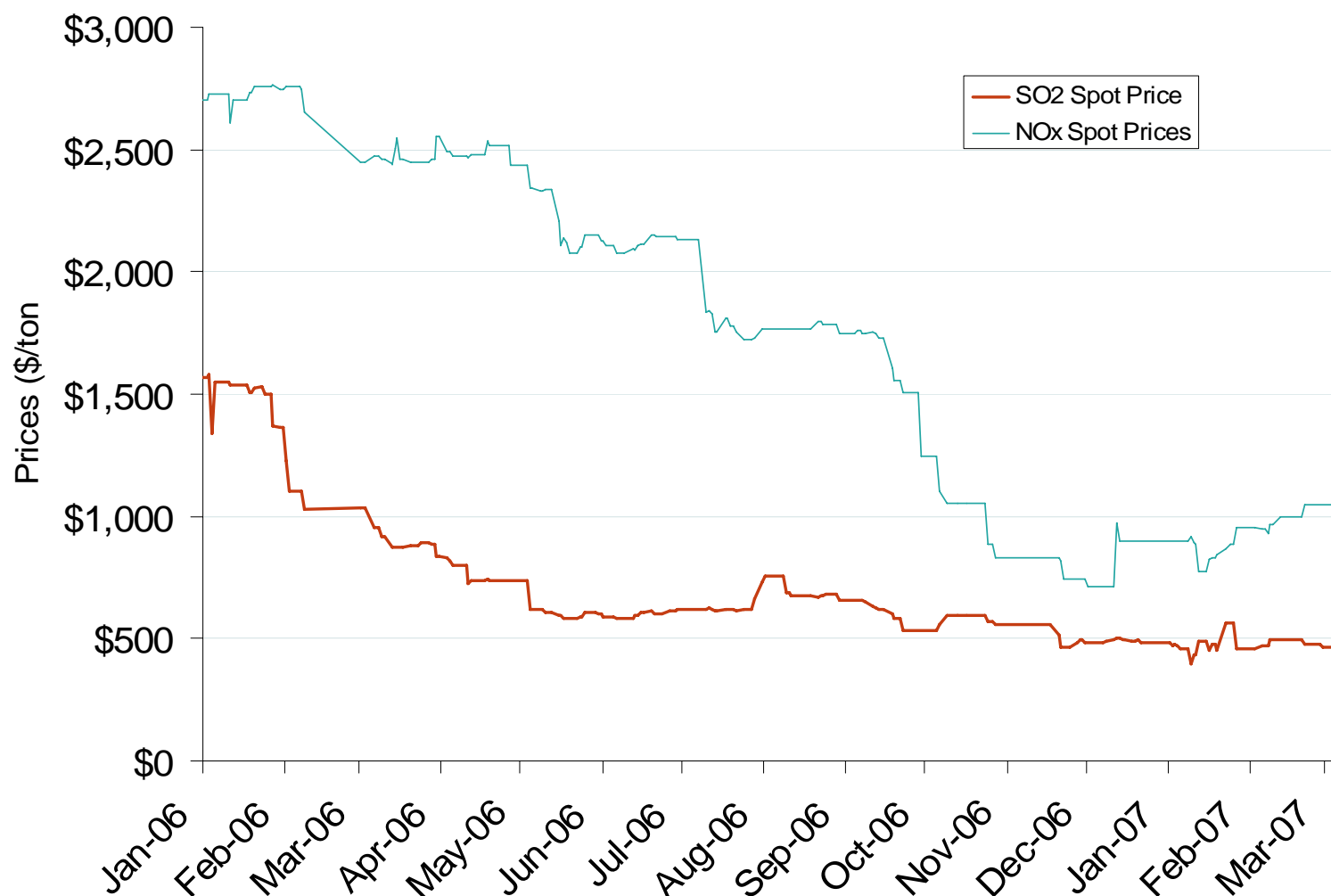
Updated March 9, 2007

3002

## Central Appalachian Coal Futures Prices



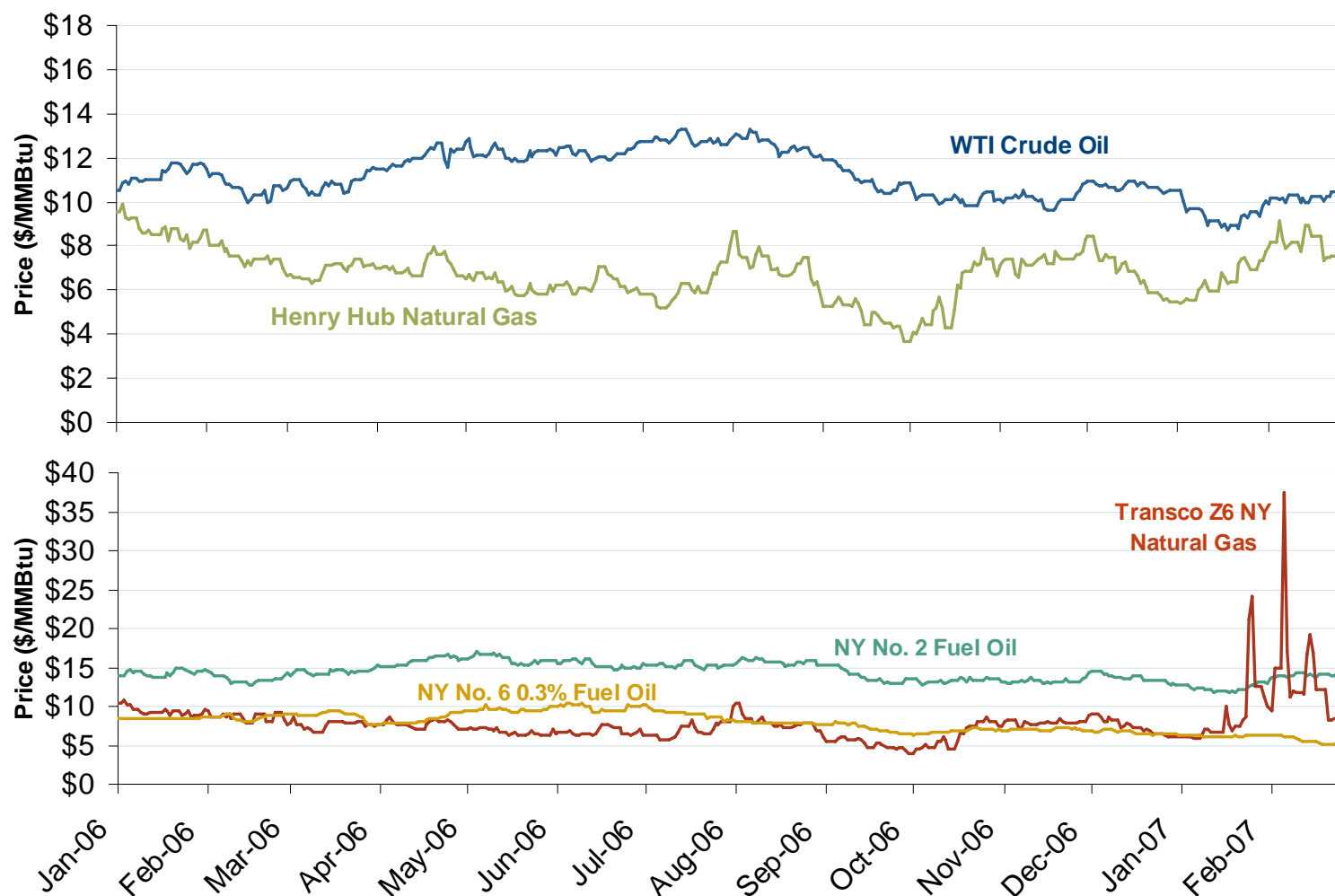
## SO<sub>2</sub> and NO<sub>x</sub> Allowance Spot Prices



Source: Derived from Cantor Fitzgerald data.

Updated March 9, 2007

## Oil and Natural Gas Daily Spot Prices

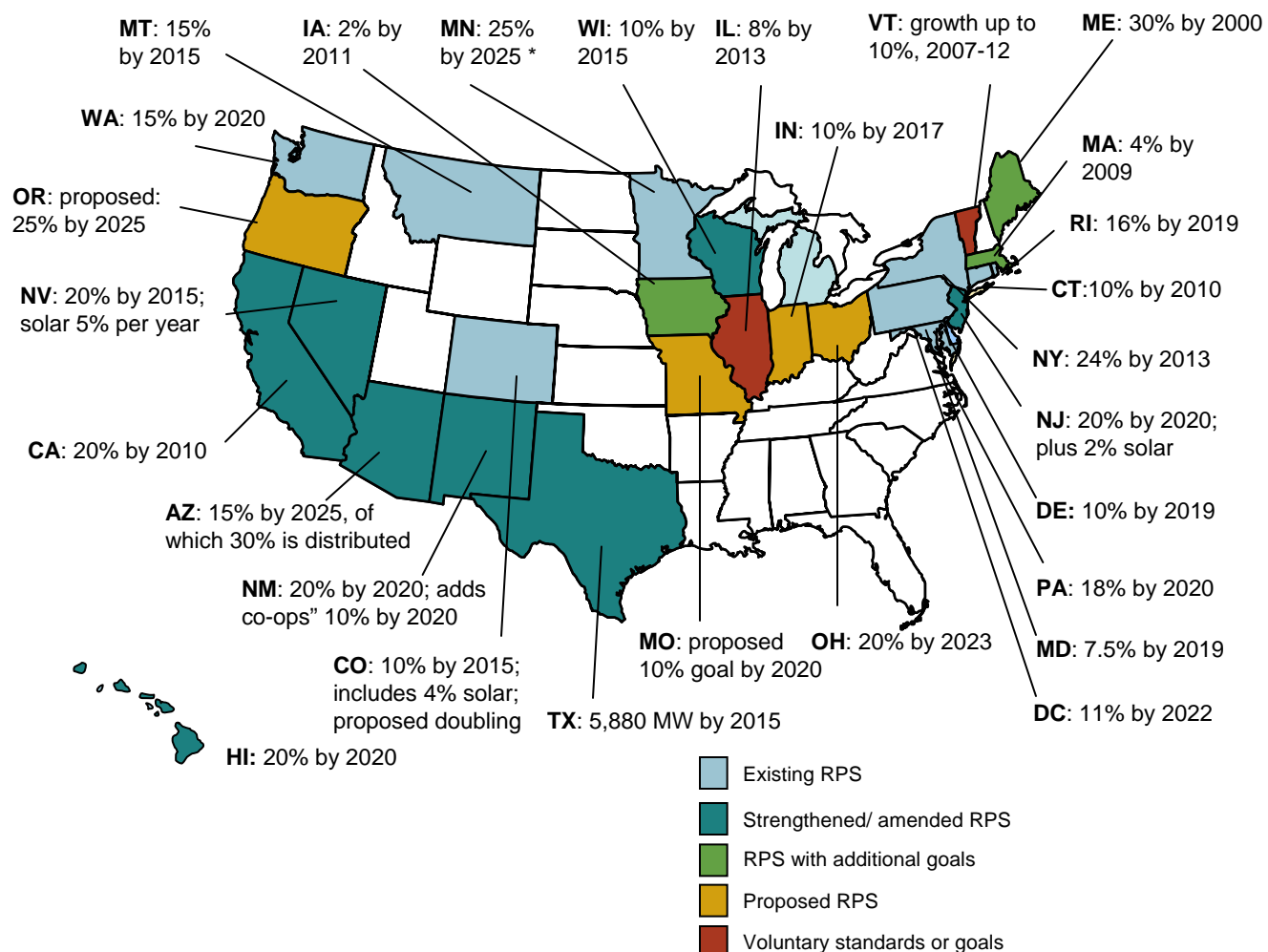


Source: Derived from ICE and Bloomberg data.

Updated March 9, 2007

## Renewable Energy Portfolio Standards (RPS)

- A RPS requires a percent of energy sales or installed capacity to come from renewable resources.
- 21 states and DC have renewable energy standards. Two states have goals only. Minnesota changed its goal to a law in Feb. 2007.
- Some states added non-binding goals to the mandated RPS, including Maine, Massachusetts, and Iowa.
- Three RPS bills are pending in state legislatures; others have been introduced in Congress proposing a national RPS.
- Forty-five percent of U.S. load is in a state with a renewable energy purchase obligation.
- Fifteen states include energy efficiency in an RPS or related rule.



\* Minnesota's requirement for Xcel Energy exceeds the state RPS; it is 30% by 2020.

Sources: Derived from data in: EEI, EIA, LBNL, PUCs, State legislative tracking services, Database of State Incentives for Renewables and Efficiency, and the Union of Concerned Scientists.

Updated March 9, 2007